CLAIMS

1	1.	In a dircuit comprising a plurality of SOI devices wherein each of the
2		plurality of SOI devices has a body, a mechanism for enhancing the
3		performance of the circuit, the mechanism comprising:
4		a circuit component for discharging accumulated electrical potential from
5		the body of the plurality of SOI devices.
1	2.	The mechanism of claim 1 wherein the circuit component comprises a
2		pulse discharge circuit.
1	3.	The mechanism of claim 1 wherein the circuit component comprises a
2		connection to ground for at least one of the bodies of the SOI devices.
1	4.	The mechanism of claim 2 wherein the pulse discharge circuit comprises:
2		an input signal;
3		a delay element coupled to the input signal; and
1		an output signal coupled to the input signal, the output signal driving the
5		circuit.

1	5.	The mechanism of claim 2 wherein the pulse discharge circuit further
2		comprises a pulse generator.

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In a circuit comprising at least one SOI device, a method for enhancing the performance of the circuit, the method comprising the steps of:

- providing a pulse discharge circuit connected to the at least one SOI
- 4 device;
- 5 using the pulse discharge sircuit to discharge any accumulated potential on
- the at least one SOI device prior to accessing the at least one SOI device.
- 1 7. The method of claim 6 wherein the circuit comprises a memory circuit.
- 1 8. The method of claim 6 wherein the pulse discharge circuit compises:
- 2 an input signal;
- a delay element coupled to the input signal; and
- an output signal coupled to the input signal, the output signal driving the
- 5 circuit.

9. In a circuit comprising a plurality of SOI devices wherein each of the plurality of SOI devices has a body, a method for enhancing the performance of the circuit, the method comprising the step of:

4 selecting grounding the body of at least one of the plurality of SOI devices to dissipate electric potential.

- 1 10. The circuit of claim 9 wherein the plurality of SOI devices comprises a
- 2 memory circuit.

1 PG 1	In a circuit comprising a plurality of SOI devices wherein each of the
W 2	phurality of SOI devices has a body, a method for enhancing the
, 3	performance of the circuit, the method comprising the step of:
4	providing a pulse discharge circuit, the pulse discharge circuit having a
5	pulse generator and the pulse generator being connected to the circuit;
6	using the pulse generator to generate a pulse;
7	discharging any accumulated potential on the body of at least one of the
8	plurality of SOI devices by supplying the pulse from the pulse generator to
9	the body of the at least one of the plurality of the SOI devices at a pre-
10	determined time.

- 1 12. The method of claim 11 wherein the plurality of SOI devices comprises a memory circuit.
- 1 13. The method of claim 12 wherein the pre-determined time is just prior to accessing the memory circuit for reading or writing data.

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